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STATE NORMAL SCHOOL,

WESTFIELD, MASS.

CATALOGUE AND CIRCULAR.

FORTY-SIXTH YEAR, 1884-85.





STATE NORMAL SCHOOL, WESTFIELD, MASS.

NORMAL HALL, WESTFIELD, MASS.



STATE NORMAL SCHOOL,

WESTFIELD, MASS.

CATALOGUE AND CIRCULAR.

FORTY-SIXTH YEAR, 1884-85.

BOSTON:

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ESTABLISHED IN 1837.

HIS EXCELLENCY GEORGE D. ROBINSON. HIS HONOR OLIVER AMES.

| | | | | | TERM EXPIRES. |
|-----------------------------|-----|--|--------------|--|---------------|
| HORACE E. SCUDDER, A.M., | | | Cambridge, | | May 25, 1886. |
| ADMIRAL P. STONE, LL.D., . | | | Springfield, | | May 25, 1887. |
| MISS ABBY W. MAY, | | | Boston, | | May 25, 1888. |
| Hon. M. B. WHITNEY, | | | Westfield, . | | May 25, 1889. |
| GEN. F. A. WALKER, LL.D., . | | | Boston, | | May 25, 1890. |
| E. C. CARRIGAN, Esq., | | | Boston, | | May 25, 1891. |
| Hon. E. B. STODDARD, | | | Worcester, | | May 25, 1892. |
| REV. ALONZO A. MINER, D.D. | , • | | Boston, | | May 25, 1893. |

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STUDENTS.

ADVANCED COURSE.

T. A DIES

| | | $T^{\prime}U^{\prime}$ | ノエビル | | | |
|------------------------|----|------------------------|------|-----|--|----------------|
| NAMES. | | | | | | RESIDENCES. |
| Bardin, Angie E., . | | | | | | Dalton |
| Bourne, Annie, . | | | | | | Lenox |
| Bourne, Minnie, . | | | | | | Lenox |
| Pettis, Lottie E., . | | | | | | Westfield |
| Redwood, Maud A., | | | | | | So. Lawrence |
| Stevens, Bella H., . | | | | | | Westfield |
| Titlow, Nettie D., . | | | | | | Hampton, Va. |
| Williams, Lizzie E., . | | | | | | Chicopee Falls |
| Waterman, Martha I, | | | | | | Westfield |
| | | | | | | |
| | GE | NTL | EM | EN. | | |

| Murphy, William L., | | | | | | | | | W. Springfield |
|---------------------|--|--|--|--|--|--|--|--|----------------|
|---------------------|--|--|--|--|--|--|--|--|----------------|

GRADUATES.

WINTER TERM.

LADIES.

| Abbe, Florence E., | | | | | Springfield |
|----------------------|--|--|--|--|----------------|
| Bartlett, Anna C., | | | | | Conway |
| Cook, Luella, . | | | | | Sheffield |
| Gilbert, Nellie, . | | | | | Chicopee Falls |
| Lee, Grace, . | | | | | Sheffield |
| Morrissey, Anna C., | | | | | Westfield |
| O'Connell, Mary, | | | | | Holyoke |
| O'Neill, Elizabeth M | | | | | |

SUMMER TERM.

LADIES.

| Chapin, Lizzie A., | | | | | | Holyoke |
|---------------------|-----|--|--|--|--|----------------|
| Davidson, Nellie R. | * 9 | | | | | W. Springfield |
| Ely, Grace R., . | | | | | | Westfield |
| Fronk, Anna F., | | | | | | Springfield |

| Names. | | | | Residences. |
|-----------------------|--|--|--|---------------------|
| Holcomb, Hattie A., | | | | Westfield |
| Hutchins, Emma, . | | | | Westmoreland, N. H. |
| Laws, Mara E., . | | | | . No. Chester, Vt. |
| Martindale, Julia B., | | | | Greenfield |
| Walkley, Alice M., . | | | | Westfield |
| | | | | |

GENTLEMEN.

| Courtney, Samuel E. | ٠, | | | | Mala | len, W. Va. |
|---------------------|----|--|--|--|------|-------------|
| Nunn, Paul N., | | | | | | Lowell |

SENIOR CLASS.

LADIES.

| Allen, Etta A., . | | | | | | . W. Springfield |
|--------------------|-------|--|---|--|--|--------------------|
| Boyce, Gertrude, | | | | | | . Orange |
| Campbell, Mary, | | | | | | . Westfield |
| Cooley, Alice E., | | | | | | . Springfield |
| Day, Jennie M., | | | | | | |
| | | | | | | High Bridge, N. J. |
| Dickinson, Alice I | | | | | | |
| Ely, Emma N., | | | | | | |
| Farrell, Anna E., | | | | | | . Westfield |
| Hastings, Grace I | ٠, ٠ | | | | | . Southwick |
| Henry, Julia S., | | | | | | . Springfield |
| Jeffers, Fannie H. | , . | | | | | . Westfield |
| Langdon, Jennie | | | | | | . Monterey |
| McSheehy, Esther | С., | | | | | . Whitinsville |
| Marden, Annie D | ., . | | | | | . Holyoke |
| Martin, Mary A., | | | | | | Willimantic, Conn. |
| Merrick, Lizzie J. | , . | | ٠ | | | W. Springfield |
| Merritt, Annie C., | | | | | | . Haydenville |
| Munsell, Anna O. | , . | | | | | . Enfield |
| Norton, Sara E., | | | | | | . Westfield |
| Nugent, Mary E., | | | | | | . Holyoke |
| Osborne, Helen C | ., . | | | | | . Alford |
| Ramage, Christin | e G., | | | | | . Holyoke |
| Ramage, Lucy B. | , . | | | | | . Holyoke |
| Read, Lizzie E., | | | | | | . Orange |
| Roberts, Cora L., | | | | | | Riverton, Conn. |
| Scagel, Flora, . | | | | | | Waterbury, Vt. |
| Stoddard, Jessie I | | | | | | |
| 137 4 1211 - | | | | | | 111 1 1 |
| Wentworth, Ella | м., | | | | | . Hinsdale |
| Warner, Mary M. | | | | | | |

RESIDENCES.

MIDDLE CLASS.

LADIES.

NAMES.

| NAMES. | | | | | | KESIDENCES. |
|------------------------|-----|-----|----|-----|------|---------------------|
| Bailey, Ella M., | | | | | | . Westfield |
| Benoit, Selena F., . | | | | | | . Springfield |
| Carmichael, Mary, . | | | | | | . Springfield |
| Clark, Mary D., . | | | | | | . Blandford |
| Clapp, Susie M., . | | | | | | . Westhampton |
| Curran, Nellie M., . | | | | | | . Holyoke |
| Davis, Julia L., . | | | | | . (| Chesterfield, N. H. |
| Dean, Mary E., . | | | | | | . Westfield |
| Demond, Cora J., . | | | | | | . W. Springfield |
| Dickinson, Hattie L., | | | | | | . Granby |
| Dimock, Clara G., . | | | | | | . Westfield |
| Greene, Mary E., . | | | | | | . Westfield |
| Griffin, Margaret C., | | | | | | . Holyoke |
| Hannifen, Bridget E., | | | | | | . Springfield |
| Herrick, Effie M., . | | | | | | . Westfield |
| Hitchcock, Claribel, | | | | | | . Gilbertville |
| Howland, Eliza A., . | | | | | | . Conway |
| Ingram, Fannie F., . | | | | | | . Montague |
| Knappe, Louise M., | | | | | | . Springfield |
| McKee, Annie R., . | | | | | | . W. Springfield |
| Morse, Bernice C., . | | | | | | . Monterey |
| Newhall, Lillie E., . | | | | | | . Amsden, Vt. |
| O'Donnell, Mary T., | | | | | | . Holyoke |
| Sackett, Clara B., . | | | | | | . Westfield |
| Shepard, Carrie B., . | | | | | | . Westfield |
| Simonds, Anna B., . | | | | | | . No. Adams |
| Spencer, Lucy, . | | | | | . Ne | w Lebanon, N. Y. |
| Steere, Lillie A., . | | | | | | . Springfield |
| Sullivan, Mary E., . | | | | | | . Chicopee |
| Thayer, Effie J. W., . | | | | | | . Williamsburg |
| Waite, Lizzie A., . | | | | | | . Orange |
| Watson, Annie M., . | | | | | | So. Hadley Falls |
| Whitaker, Jennie E., | | | | | | . Chicopee |
| Woodward, Dora F., | | | | | | . Sharon, Conn. |
| Wright, Mary J., . | | | | | | . Chelsea, Vt. |
| | | | | | | |
| | GE. | NTL | EM | EN. | | |
| Sedgwick, Hubert M., | | | | | | . Bondsville |
| | | | | | | |

JUNIOR CLASS.

LADIES.

| | 1 | JAL | IES | • | | |
|--|----|-----|-----|-----|----|-------------------|
| Names. | | | | | | Residences. |
| Andrews, Bertha A., | • | | • | | | . Shelburne Falls |
| Angell, Mary A., | | | | | ٠. | . Huntington |
| Blakeslee, Carrie E., | | | | | | . Westfield |
| Carey, Mary L., | | | | | | . New Braintree |
| 1 7 7 | | | | | | . Holyoke |
| 1 1 2 | | | | | | . Stockbridge |
| Crandell, Anna I., . | | | | | | . Adams |
| Curtis, Mary A., | | | | | | . Worcester |
| Donahue, Mary A., . | | | | | | . Holyoke |
| Druce, Alice, | | | | | | . Kent, England |
| Elmore, Emma R., . | | | | | | Rocky Hill, Conn. |
| | | | | | | . Springfield |
| Gracea, Annie J., | | | | | | . Westfield |
| Graves, Clara M., . | | | | | | . Southampton |
| Harger, Alice M., | | | | | | . W. Granville |
| Hubbard, Belle M., . | | | | | | . Westfield |
| Janes, Anna M., . | | | | | | . Springfield |
| Johnson, Alice C., . | | | | | | . Northampton |
| Johnson, Hattie F., . | | | | | | . Ware |
| Johnson, Lula E., . | | | | | | . Pittsfield |
| Jordan, Eva J., | | | | | | . Florence |
| Lane, Winifred B., . | | | | | | . Newport, Vt. |
| Manning, Mary T., | | | | | | . Holyoke |
| Mecum, Minnie A., | | | | | | . Feeding Hills |
| Palmer, Agnes L., . | | | | | | . Southfield |
| Pease, Alice M., | | | | | | . Becket |
| Peck, Lucy O., | | | | | | . Shelburne |
| Reardon, Annie M., | | | | | | . Holyoke |
| Rhoades, Ella L., | | | | | | . Mill River |
| Rhoades, Frances, . | | | | | | . Mill River |
| Richardson, Mary C., | | | | | | . Ware |
| Smith, Rosa L., | | | | | | . Buckland |
| Teahan, Ella M., | | | | | | . Holyoke |
| Tiffany, Nellie, | | | | | | Bennington, Vt. |
| Tucker, E. Burnett, | | | | | | Boylston Centre |
| | | · | | | | . Alford |
| Willett, Helen, | · | | | | | |
| Trincit, freien, | | · | | · · | | |
| | GE | ити | EN | EN | | |
| Hanchett, Frederick N., | | | | | | . Westfield |
| | | | | | | . Whitinsville |
| and the state of t | | | | | | |

PUPILS

Pursuing some of the Studies of Advanced Course.

LADIES.

| Names. | | | | | | Residences. |
|------------------------|----|-----|----|-----|--|--------------------|
| Abbe, Florence E., . | | | | | | . Springfield |
| Benoit, Selena F., . | | | | | | . Springfield |
| Boyce, Gertrude, . | | | | | | . Orange |
| Chapin, Lizzie A., . | | | | | | . Holyoke |
| Clark, Mary D., | | | | | | . Blandford |
| Day, Jennie M., . | | | | | | . Westfield |
| Dean, Sara E., | | | | | | High Bridge, N. J. |
| Dickinson, Alice E., | | | | | | . Hadley |
| Dimock, Clara G., . | | | | | | . Westfield |
| Ely, Grace R., | | | | | | . Westfield |
| Griffin, Margaret C., | | | | | | . Holyoke |
| Harger, Alice M., | | | | | | . W. Granville |
| Hastings, Grace L., . | | | | | | . Southwick |
| Henry, Julia S., . | | | | | | . Springfield |
| Howland, Eliza A., . | | | | | | . Conway |
| Jordan, Eva J., | | | | | | . Florence |
| McSheehy, Esther C., | | | | | | . Whitinsville |
| Martin, Mary A., . | | | | | | Willimantic, Conn. |
| Martindale, Julia B., | | | | | | . Greenfield |
| Morse, Bernice C., . | | | | | | . Monterey |
| Newhall, Lillie E., . | | | | | | . Amsden, Vt. |
| Nugent, Mary E., . | | | | | | . Holyoke |
| O'Connell, Mary, . | | | | | | . Holyoke |
| O'Neill, Elizabeth M., | | | | | | . Holyoke |
| Shepard, Carrie B., . | | | | | | . Westfield |
| Stoddard, Jessie D., . | | | | | | . Westfield |
| Walkley, Alice M., . | | | | | | . Westfield |
| Warner, Mary M., . | | | | | | . Florence |
| Wentworth, Ella M., | | | | | | . Hinsdale |
| Woodward, Dora F., | | | | | | . Sharon, Conn. |
| Wright, Mary J., | | | | | | . Chelsea, Vt. |
| | | | | | | |
| | GE | NTL | EM | EN. | | |
| Courtney, Samuel E., | | | | | | Malden, W. Va. |
| ** | | | | | | , |

| Courtney, Samuel E., | | | | M | alden, W. | Va. |
|----------------------|--|--|--|---|-----------|------|
| Nunn, Paul N., . | | | | | Low | rell |

SPECIAL PUPILS.

| | | | | LA | DIE | S. | | | | | | | |
|---------------------|------|-------|-----|-------------|-----|----|--|----|---------------|------|---------|--|--|
| NAMES. | | | | | | | | | | | ENCES. | | |
| | • | • | | | | | | | | | rence | | |
| Baber, Fannie,* | | | | | • | • | | | | | stfield | | |
| Campbell, Alma F. | , . | | | | | | | | . Westfield | | | | |
| Cobb, Mary E.,* | | • | | | | | | | | | | | |
| Fowler, Nettie L., | | | | | | | | | | | | | |
| Gladwin, Mary R., | | | | | | | | | | | stfield | | |
| Grant, Mary,* . | | | | | | | | | | | | | |
| Hooker, Elizabeth, | | | | | | | | | | | | | |
| Howe, Margaret E. | | | | | | | | | . Hadley | | | | |
| Humphrey, Louise | | | | | | | | | . Westfield | | | | |
| · Loomis, Jeanie, | | | | | | | | | . Westfield | | | | |
| Lowrey, Sadie B.,* | | | | | | | | ٠. | . Westfield | | | | |
| Mackintosh, France | esca | L., | | | | | | | | Wes | stfield | | |
| Southwick, Effie H. | , | | | | | | | | Chic | pee | Falls | | |
| Spullock, Callie, | | | | | | | | | . Rome, Ga. | | | | |
| Sterns, Martha II., | | | | | | | | | . Westfield | | | | |
| Thayer, Mary S., | | | | | | | | | . Westfield | | | | |
| Thompson, Helen J | ٠, | | | | | | | | . Westfield | | | | |
| Williams, Carrie E. | , | | | | | | | | . Southampton | | | | |
| Wood, Amy, . | | | | | | | | Mo | ontevi | leo, | S. A. | | |
| Greene, Eugene H. | , • | | | NTI | | | | | | Wes | tfield | | |
| | | | si | <i>i</i> mu | MAR | Υ. | | | | | | | |
| Advanced, . | | | | | | | | | | | 10 | | |
| Graduates, . | | | | | | | | | | | 19 | | |
| Seniors, | | | | | | | | | | | 30 | | |
| | | | | | | | | | | | 36 | | |
| Juniors, | | | | | | | | | | | 39 | | |
| Pursuing Studies of | Adv | anced | Cou | rse. | | | | | | | 33 | | |
| Special Pupils, | | | | | | | | | | | 21 | | |
| Names Repeated, | | | | | | | | | | | 33 | | |
| | | | | | | | | | | | | | |
| Total, . | | | | | | | | | | | 155 | | |

^{*} Post-graduates.

WESTFIELD NORMAL SCHOOL.

This institution was established by the Commonwealth of Massachusetts in September, 1839. With a single exception, it is the oldest normal school in America. Up to the present time, three thousand two hundred and fifty-five have been admitted to the school. Since 1855, the date of the first formal graduations, one thousand and seventy-eight have received diplomas upon the completion of the prescribed course of study.

CONDITIONS OF MEMBERSHIP.

Applicants for admission to the school must be at least sixteen years of age (if males, seventeen); must present a certificate of good moral character; must pledge themselves to complete the course, if possible, and afterwards to teach in the public schools of Massachusetts;* and must pass a satisfactory examination in reading, spelling, writing, arithmetic, geography, English grammar, and the history of the United States. To illustrate the scope of the examinations, the questions used at the beginning of the year are given at the end of this circular. Higher attainments and a more mature age than those prescribed render the training of the school much more profitable.

AIMS AND METHODS OF STUDY AND TRAINING.

The ends to be secured by a course of study and practice in the normal schools are a knowledge of the principles and methods of teaching, skill in the art of teaching, and the general development of the mental powers.

All the studies are conducted upon the topical plan, and with special reference to the best ways of teaching them. From the first, the pupils frequently occupy the place of teacher of their classmates, and are subjected to their criticisms, as well as to those of their regular teachers.

THE DESIGN OF THE SCHOOL AND COURSES OF STUDY.

The Board of Education, by a vote passed May 6, 1880, stated the design and the course of studies for the State normal schools as follows:—

"The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing, and teaching the public schools of the Commonwealth.

^{*} Persons intending to teach in other States, or in private schools, are admitted on payment of fifteen dollars a term for tuition.

"To this end, there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching those branches; and, third, of right mental training.

"The time of one course extends through a period of two years, of the other through a period of four years, and is divided into terms of twenty weeks each with daily sessions of not less than five hours, five days each week."

STUDIES.

TWO-YEARS' COURSE.

Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry, physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Penmanship, drawing, vocal music, gymnastics.

Psychology, science and art of education, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

FOUR-YEARS' COURSE.

In addition to the studies named above, the four-years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics, and botany.

Drawing, English literature, general history.

Latin and French required; German and Greek as the Principal and Visitors of the school shall decide.

The above is an enumeration of the studies. The order of the studies in the course is determined by the Principal of each school, with the approval of the Visitors of that school.

The present order and scope of studies in the two-years' course in the West-field School may be gathered from the following brief outline:—

FIRST TERM.

Arithmetic. — Notation, addition, subtraction, multiplication, and division of integral numbers, common fractional numbers, decimals, and compound denominate numbers, elementary course, practical work.

Geometry. — First four books of Loomis's Geometry, or their equivalent.

Physiology. — General outline of subject; anatomy, physiology, and hygiene of digestive organs, including classification of food-stuffs, and methods of preparing food; anatomy, physiology, and hygiene of circulatory and respiratory organs; animal heat — its nature, source, distribution, regulation, etc.; clothing, — use, qualities desirable in, qualities of common materials, how to dress hygienically, etc. Anatomy is taught from anatomical preparations of organs of the human body; and physiology, as far as possible, by observing organs of other animals in action.

Physics. — Physical properties of matter; definition and enumeration of forces; effects of gravitation, including pressures of liquids and gases, with consequences

and applications; electricity, special attention being given to elementary phenomena and to practical applications; machines or means of applying force. In this subject everything is taught experimentally, pupils being required, as far as possible, to perform all important experiments for themselves.

Vocal Music. — Rhythmics, melodics, dynamics, sight-singing, elementary course.

Composition. — Capitals, punctuation, letter-writing, business-forms, language-lessons.

Drawing. — Freehand drawing on blackboard, from dictation, of combinations, of straight lines and curved; drawing on paper from dictation; drawing from memory; elementary designs.

SECOND TERM.

Arithmetic. — Metric system taught by apparatus; percentage, and its application in commission, taxes, interest, banking, etc.; extraction of roots, with applications; mensuration; examples and problems in all subjects taught, to apply knowledge. Pupils are encouraged to seek information at the post-office, at lawyers' offices, banks, stores, and the teachers' desks, and thus to become familiar with the practical applications of arithmetic in the affairs of every-day life.

Grammar. — Outline of subject; parts of expressions taught and named; words studied with reference to classification, properties, and construction; parsing and analysis of sentences.

Geography. — Scientific study of the form, size, and motions of the earth; configuration and relief of the land-masses; atmospheric and oceanic movements; climate; plant and animal life, and especially man, including distribution of races, and all conditions affecting this distribution; religion, government, and whatever affects the civilization of the races.

Algebra. - Usual topics preceding quadratics.

Drawing. — Work of first term continued, drawing from the flat, geometrical drawing, perspective, model drawing, design. Drawing is required for only one year; but many continue the study for an additional term or two. For those who do this, the subjects are: model and cast drawing; shading of objects, models, and casts, in charcoal and stump; applied design; and freehand drawing from enlarged flats.

Composition. — Paragraphing, compositions on subjects assigned, criticism in class and by class, spelling.

THIRD TERM.

Geography (six weeks). — Philosophic study of topics taken up in second term.

Rhetoric. — Study of figurative language and qualities of style, with practical applications, followed by several weeks of composition writing and criticism; study of the mind and its qualities, such as wit, humor, etc., the sensibilities, especially taste (under this, literary taste, sources of pleasure, and how to cultivate such a taste).

English Literature. — History of language; life, style, and study of selections from the following authors, with some variations from term to term; Wickliffe.

Chaucer, Cranmer, Spenser, Bacon, Shakspeare, Milton, Johnson, Whittier, Hawthorne, Lowell, Longfellow; reading (in addition) of "Idyls of the King," "Ivanhoe," "Henry VIII.," "Merchant of Venice," "Julius Cæsar," one book of "Paradise Lost," Macaulay's "Essays on Johnson," "Snowbound," "Among the Hills," "Vision of Sir Launfal," "Commemoration Ode," "The Old Manse," "Evangeline," "Courtship of Miles Standish."

United States Ilistory. — Periods of discoveries; explorations; settlements and colonies, with the included wars; Revolution, Constitution; Civil War, and events following; collateral reading.

FOURTH TERM.

Astronomy.— Methods of describing position of heavenly bodies; refraction, parallax, and precession; classification of heavenly bodies; particular study of earth, sun, and moon; tides; eclipses; geography of celestial sphere.

Reading. — Vocal culture, sight-reading, study of pieces, elementary course.

Chemistry. — Chemical physics; inorganic chemistry, with laboratory practice by each pupil.

Theory and Art of Teaching. —Including psychology in its relation to principles and methods of teaching; school organization and government; school laws of Massachusetts; several weeks of purely professional work in common English branches, with practice in teaching in public schools; civil polity.

Botany and geology are taught in the summer term, zoölogy and mineralogy in the winter, all with specimens in hand, and with field work.

FOUR-YEARS' COURSE.

This course is intended to give pupils that broad culture indispensable to the highest success in schools of any grade, but especially to fit them for service as teachers in High Schools. The studies are so arranged, that graduates from the shorter course may complete the four-years' in two additional years, or, if unable to remain so long in the school, they may profitably take one or two terms' work in addition to the two-years' course.

Graduates from this course are in special demand for the best positions.

EXAMINATIONS AND GRADUATIONS.

Entrance Examinations on the First Day of each Term.

Examinations, both oral and written, are made each term in every study; and the result in each must be satisfactory to enable the pupil to advance to the studies next in order. Only those pupils who have satisfactorily passed all the examinations in the prescribed course of study receive the diploma of the institution.

EMPLOYMENT OF GRADUATES, ETC.

The demand for graduates of this school is steadily and rapidly increasing. During the past two years it has been vastly greater than the supply. A noteworthy fact concerning this demand is the large increase in calls for teachers for positions of high grade. Great encouragement is thus given, to the best gradu-

ates of high schools desiring to teach, to take a course of professional training as the shortest, as well as in every respect the best, way to eminence in the profession.

LIBRARIES, APPARATUS, ETC.

Pupils have free access to valuable libraries of works for general reference and reading. Excellent apparatus is provided for the illustration of the more important principles in the natural sciences. Large and growing cabinets of mineral, geological, and zoölogical specimens are constantly used in teaching natural history.

A very convenient chemical laboratory has recently been fitted up for the use of pupils. In this, under competent supervision, students may perform for themselves the most important experiments, and thus acquire skill in manipulation, and a confidence obtainable in no other way.

The Art Room is handsomely fitted up, and provided with the best kind of furniture and instruments, affording excellent facilities for training in the various departments of drawing. A large number of the finest examples of casts, models, and flat copies, add greatly to the beauty of this room, and furnish a constant study of art to the members of the school.

DISCIPLINE.

Pupils are treated with confidence from the first, and, as far as may be, the government of the school is left in their hands. But nothing less than regular attendance, good behavior, and hearty allegiance to all the interests of the school, is accepted as a condition of membership. The work of the school cannot be acceptably done by those who do not make it their only occupation during their connection with the school.

Parents are earnestly advised not to encourage any absence from the school, except in vacations.

EXPENSES, AID, ETC.

Tuifion is free to those complying with the condition of teaching in the public schools of Massachusetts, wherever they may have resided previously. A small fee (\$2) is paid by each pupil at the beginning of each term for incidental expenses.

Text-books required are furnished from the School Library without charge. For cost of board, see under "Normal Hall."

To aid those students in the school who find it difficult to meet the expenses of the course, pecuniary aid is furnished by the State in sums varying according to the distance of their homes from Westfield, though never exceeding \$1.50 per week. But this aid is not furnished for the first term of attendance; and those who fail (through their own fault) to complete the course, or to teach in the public schools of Massachusetts, are required to refund whatever they may have received.

NORMAL HALL.

The State has erected and furnished for the school a very pleasant and commodious boarding-hall, which is accurately represented in the accompanying cut. The hall is under the charge of the principal. Most of the teachers board

with the students, and no pains will be spared to make the hall a home for the pupils.

Pupils from abroad are required to board in this hall, except as they may board with *relatives* or work for their board in private families.

A very pleasant reading-room is provided for the daily use of the students. This room is supplied with several daily papers, the leading magazines, and a variety of other publications, scientific, educational, religious, and general. During the past year, generous contributions of money and books, by teachers and pupils, have enabled us to provide a small library of choice works for general reading and for reference.

The price of board is \$75 per term of twenty weeks, \$80 for gentlemen. \$40 must be paid in advance by each student at the beginning of the term, and \$35 at the middle of the term. The object of this payment in advance is to secure the purchase of supplies at wholesale cash prices, thereby saving to each boarder much more than the interest of the money advanced. The price of board includes expense of light, heat, and washing.

The rates given above are for those who have room-mates, and whose attendance is not less than ten weeks. Those who desire to room alone can generally be accommodated at an additional charge of 50 cents per week. Those who for any reason are members of the school for less than half of any term, are charged \$4 per week. Visitors can have good accommodations at \$1 per day or \$5 per week; dinner, 40c.; supper or breakfast, 25c.; lodging, 50c. Former members of the school will be allowed a discount of 10 per cent from prices charged other visitors.

Each boarder is required to bring bedding, towels, napkins, a napkin-ring, and two clothes-bags. Each pupil will want ordinarily four pillow-cases, three sheets, and two blankets, or their equivalent. Ladies should provide themselves with slippers for in-door wear. All articles sent to the laundry should be distinctly marked with the owner's name. Initials will not answer.

GENERAL REMARKS.

The Normal School is always open to the public. Parents and guardians of its pupils are especially invited to visit the school often, and learn by personal inspection what it attempts to do for its members.

A cordial invitation is extended to teachers and school committees to visit the school at their convenience. They will be welcome for a day, a week, or a month.

For catalogues, or for further information, apply to the Principal at Westfield.

WESTFIELD, MASS., June, 1885.

CALENDAR FOR 1885-1886.

| FALL TERM BEGINS | | | | | | | Tuesday, Sept. 1, 1885. |
|--------------------|-------|-------|--------|--------|---------|-------|-------------------------|
| | RE | CESS, | THAN | KSGIV | TNG | WEEI | . |
| FALL TERM CLOSES | | | | | | | Tuesday, Jan. 19, 1886. |
| | 1 | ACAT | ION, | THRE | E WE | EKS. | |
| SPRING TERM BEGINS | | | | | | | Tuesday, Feb. 9, 1886. |
| | | RECI | ESS, A | PRIL | 17-2 | 6. | |
| SPRING TERM CLOSES | | • | | | | | Tuesday, June 29, 1886. |
| No school Monde | 71'5. | Satu | rdav | sessio | 1115 fr | -0111 | Sessions other |

No school Mondays. Saturday sessions from 8:30 to 1. Sessions other days both morning and afternoon.

QUESTIONS

USED AT ENTRANCE EXAMINATION, SEPT. 2, 1884.

[QUESTIONS FURNISHED BY STATE BOARD OF EDUCATION.]

ARITHMETIC.

- 1. At 37½ cents a peck, what will 850 bushels of wheat cost?
- 2. If $2\frac{2}{5}$ lbs. of sugar cost 25 cents, what will $18\frac{3}{4}$ lbs. cost? (Perform by decimals.)
- 3. What must be the height of a pile of wood 1 rod long, 4 feet wide, to contain two cords?
- 4. At the rate of $8\frac{1}{2}$ pounds for a dollar, how many pounds of sugar can be bought for sixty cents?
 - 5. What is the simple interest of \$840 for 1 day at 8 per cent.?
- 6. At 6 per cent., how much money must be placed at interest upon a boy's 12th birthday to amount to \$1000 when he is twenty-one?
- 7. By selling sugar at 9 cents a pound I gain 20 per cent. What is the cost per cwt.?
- 8. A note of \$400, dated June 1, 1882, due in five mouths, was discounted at a bank Sept. 1, 1882. What were the proceeds, money being worth 7 per cent.?
- 9. How much will it cost to fence a rectangular lot of land 42 rods long, 6 rods wide, at 18 cents a yard?
- 10. What is the length of one side of a square lot of land containing 2 acres? (Answer in rods and feet.)
- 11. If 8 men can mow a field in two-thirds of a day, how many days will it take 3 men to mow the same field? (Perform by proportion.)
- 12. James is two-thirds as old as William, and William is three times as old as John. Their combined ages are 24 years. What is the age of each? (Give analysis in full.)

GEOGRAPHY.

- 1. What produces a change of seasons?
- 2. Upon what does the climate of a country depend?
- 3. In what ways are islands formed?
- 4. Name the five races of men, and with each, two countries where it predominates.
- 5. Where are the clocks twenty minutes slower than they are in this place?
 - 6. Bound Massachusetts, and give its area.
- 7. Through what waters would a vessel, in going from Manilla to St. Petersburg, pass, and what articles of export might she carry?
 - 8. Name three cities of Massachusetts, and state something of each.
 - 9. Name three seaports of Brazil, and five of the chief exports.
 - 10. Describe the surface and climate of Australia.
 - 11. Name the Pacific States and their capitals.
 - 12. What are the causes of the ocean currents?

GRAMMAR.

- 1. Define English grammar.
- 2. How many parts has every complete sentence? Give an example, point out and name the parts.
- 3. Write the plural forms of the following: Piano, radius, handful, 4, Miss Jones, sheep, phenomenon, valley.
- 4. Write the possessive forms of the following: Boy, man, sheep (singular and plural), women, Mr. Jones, you, ladies, goodness.
- 5. Write the principal parts of the following verbs: Sit, lie (to recline), dive, prove, lay, jar, kneel, fight.
- 6. Write a sentence containing "that" used as a relative pronoun, and another sentence containing "that" used as a limiting adjective.
 - 7. Correct the following sentences, if correction is necessary:
 - a. The rose smells sweetly.
 - b. She looks beautifully.
 - c. "Wayland's Elements of Political Economy" were published in 1837.
 - d. Three times three is nine.
 - e. His meat were locusts and wild honey.
 - f. Each of the boys are strong and manly.
 - 8. That was a joyous day in Rheims of old,
 When peal on peal of mighty music rolled
 Forth from her thronged cathedral; while around,
 A multitude, whose billows made no sound,
 Chained to a hush of wonder, though elate
 With victory, listened at their temple's gate.
 - a. Analyze the sentence.
 - b. Parse the words italicized.
 - 9. a. Define preposition.
 - b. " conjunction.
 - c. " case.

HISTORY.

- 1. Name four of the early navigators who explored the coast of America. What places did they explore, and in whose service were they?
- 2. What was the extent of territory occupied by the thirteen colonies when independence was declared?
- 3. Name two wars in which the colonists were engaged before the war of the Revolution, duration of the wars, and some of the results.
- 4. What victories of the American Army, near the close of the Revolutionary war, gave assurance of independence?
- 5. What territory has been acquired by the United States since the formation of the Constitution, and how was it acquired?
- 6. State some of the principal events that occurred between the close of the Revolutionary war and the ratification of our present Constitution?
- 7. Of what parties were Jefferson and Hamilton the leaders? In what did the parties differ?
 - 8. State the most important events of Madison's administration.
- 9. What was the immediate cause of the war of the rebellion? Where did hostilities begin?
- 10. What efforts have been made by any department of the U.S. Government to reform the civil service, and what is the present condition of the reform?

























